UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/834,338	04/13/2001	John Christopher Crandall	10004847-1	2405

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EXAMINER
NEURAUTER, GEORGE C

ART UNIT	PAPER NUMBER
2143	

DATE MAILED: 09/03/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on _13 April 2001_.

2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) _1-20_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) _1-20_ is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☒ The drawing(s) filed on _13 April 2001_ is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All b) ☐ Some * c) ☐ None of:

    1. ☐ Certified copies of the priority documents have been received.

    2. ☐ Certified copies of the priority documents have been received in Application No. _____.

    3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

DETAILED ACTION

1.   Claims 1-20 are pending and have been examined.

Claim Objections

Claims 4 and 5 is objected to because of the following informalities:

Claim 4 is objected to under 37 CFR 1.75(c), as being of improper dependent

form for failing to further limit the subject matter of a previous claim. Applicant is

required to cancel the claim(s), or amend the claim(s) to place the claim(s) in proper

dependent form, or rewrite the claim(s) in independent form.

Claim 4 recites "…wherein said client application comprises one of: a software

application; an Internet website; and a data network."

This claim does not further limit the subject matter of claim 1 since, in view of

page 4, lines 5-16 of the specification, the "client application" may be a software

application, but may not be a "host application" such as an Internet website or a data

network since these limitations broaden the claim to include this subject matter.

Claim 5 recites the word "ethic". This word, in view of the specification, should be

"ethnic".

Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-20 are rejected under 35 U.S.C. 102(b) as being anticipated by US

Patent 5 835 768 A to Miller et al.

Regarding claim 1, Miller discloses a cultural interface protocol application for

use on a computer system comprising:

a user profile (referred to throughout the reference as "locale" or "locale object")

stored in a memory ("locale source") of said computer system for defining cultural

attributes (column 5, lines 43-55);

a protocol interface for interfacing with a client application ("set locale"; column 5,

line 62-column 6, line 9); and

an algorithm for determining ones of said cultural attributes to communicate to

said client application, wherein said client application is configured according to said

determined ones of said cultural attributes. (column 6, lines 52-60)

Regarding claim 2, Miller discloses the cultural interface protocol application of

claim 1 wherein said cultural attributes comprise at least one of user language

preferences ("character attributes and mappings"; column 5, lines 17-18) and a user

ethnic origin (column 5, lines 49-55).

Regarding claim 3, Miller discloses the cultural interface protocol application of

claim 2 wherein said user language preferences comprise a list of languages ranked

according to user preference. (column 8, lines 60-65; column 9, lines 11-38, specifically

lines 11-14 and 23-37)

Regarding claim 4, Miller discloses the cultural interface protocol application of claim 1 wherein said client application comprises one of a software application; an Internet website; and a data network. (column 1, lines 7-11)

Regarding claim 5, Miller discloses the cultural interface protocol application of claim 2 wherein said configured client application is presented to said user in user language preference and graphical representation associated with said user ethnic origin. (column 1, lines 7-11; column 6, lines 52-60)

Regarding claim 6, Miller discloses the cultural interface protocol application of claim 1 where said algorithm determines said ones of said cultural attributes using configuration parameters communicated from said client application. (column 6, lines 52-60)

Regarding claim 7, Miller discloses the cultural interface protocol application of claim 5 further comprising a database of graphical interface objects used by said client application in rendering a graphical user interface of said client application, wherein said database is associated with said client application. (column 5, lines 52-60, specifically lines 52-54)

Regarding claim 8, Miller discloses the cultural interface protocol application of claim 5 further comprising a database of graphical interface objects used by said client application in rendering a graphical user interface of said client application, wherein said database is associated with said user profile. (column 5, lines 48-60, specifically lines 52-54)

Regarding claim 9, Miller discloses the cultural interface protocol application of claim 1 wherein said cultural interface protocol application is pre-installed on said computer system, said protocol application further comprising a user attribute interface for prompting said user to select desired ones of said cultural attributes from a predefined plurality of said cultural attributes. (column 4, line 20-35; column 8, lines 60-65; column 9, lines 11-38, specifically lines 11-14 and 23-37)

Regarding claim 10, Miller discloses the cultural interface protocol application of claim 1 further comprising an installer for installing said protocol application onto said computer system; and an installation prompt for allowing said user to select desired ones of said cultural attributes from a predefined plurality of said cultural attributes. (column 4, lines 20-35; column 8, lines 60-65; column 9, lines 11-38, specifically lines 11-14 and 23-37)

Regarding claim 11, Miller discloses a method for providing a cultural specific user interface comprising the steps of:

entering user ethnicity objects into a cultural user profile; (column 5, lines 43-55, specifically lines 48-49)

interfacing with a client application; (column 5, line 62-column 6, line 9)

analyzing available graphical user interface (GUI) parameters of said client application; communicating selected ethnicity objects to said client application responsive to said analyzing step; and configuring a GUI of said client application according to said communicated ethnicity objects. (column 5, lines 52-60)

Regarding claim 12, Miller discloses the method of claim 11 wherein said entering said user ethnicity objects step comprises at least one of the steps of entering a set of languages preferred by said user; (column 5, lines 17-18)

entering a cultural origin of said user; and entering an originating country of said user. (column 5, lines 49-55)

Regarding claim 13, Miller discloses the method of claim I 1 wherein said analyzing step comprises the steps of receiving said available GUI parameters from said client application; and determining said ones of said available GUI parameters variable according to said user ethnicity objects. (column 5, lines 52-60, specifically line 55)

Regarding claim 14, Miller discloses the method of claim 11 wherein said configuring step comprises the steps of:

receiving said communicated ethnicity objects; adjusting said available GUI parameters according to said received ethnicity objects; and rendering said GUI of said client application according to said adjusted available GUI parameters. (column 5, lines 52-60, specifically lines 57-60)

Regarding claim 15, Miller discloses the method of claim 14 further comprising the step of retrieving graphical mapping objects from a database used in said rendering step. (column 5, lines 52-60, specifically lines 52-54)

Regarding claim 16, Miller discloses a computer program product having a computer readable medium having computer program logic recorded thereon for providing a cultural specific user interface comprising:

means for obtaining user ethnicity objects; (column 5, lines 43-55, specifically lines 43-45)

means for creating a cultural user profile using said user ethnicity objects; (column 5, lines 43-55, specifically lines 48-49)

means for communicating with a client application; (column 5, line 62-column 6, line 9)

means for determining variable graphical user interface (GUI) parameters of said client application; means for selecting ethnicity objects from said cultural user profile responsive to said determining means; and means for configuring said client application GUI according to said selected ethnicity objects. (column 5, lines 52-60)

Regarding claim 17, Miller discloses the computer program product of claim 16 wherein said means for obtaining said user ethnicity objects comprises at least one of:

means for entering a set of languages preferred by said user; (column 5, lines 17-18)

means for entering a cultural origin of said user; and means for entering an originating country of said user. (column 5, lines 49-55)

Regarding claim 18, Miller discloses the computer program product of claim 16 wherein said means for determining comprises:

means for receiving indication from said client application of said variable GUI parameters; means for comparing all of said user ethnicity objects to said variable GUI parameters; and means for providing ones of said user ethnicity objects corresponding to said variable GUI parameters. (column 5, lines 52-60, specifically line 55)

Regarding claim 19, Miller discloses the computer program product of claim 16

wherein said means for configuring comprises:

means for communicating said selected ethnicity objects; means for adjusting

said variable GUI parameters according to said selected ethnicity objects; and means

for rendering said client application GUI according to said adjusted variable GUI

parameters. (column 5, lines 52-60, specifically lines 57-60)

Regarding claim 20, Miller discloses a language and cultural interface protocol

application comprising:

a cultural profile of user specific cultural objects (column 5, lines 43-55), said

objects comprising:

a list of languages preferred by a user (column 5, lines 17-18); and

a cultural origin of said user; (column 5, lines 49-55)

an application interface for facilitating communication between said protocol and

a client application; (column 5, line 62-column 6, line 9)

a host interface analyzer for determining ones of graphical user interface (GUI)

parameters of said client application which are variable according to ones of said user

specific cultural objects; and an object communicator for communicating selected ones

of said user specific cultural objects to said client application wherein said client

application varies said variable GUI parameters according to said communicated user

specific cultural objects. (column 5, lines 52-60)

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US Patent 4 901 065 A to Cerruti;

US Patent 5 416 903 A to Malcolm;

US Patent 5 499 335 A to Silver et al;

US Patent 6 492 995 B1 to Atkin et al;

Lie, Hakon W. and Bos, Bert. "Cascading Style Sheets, level 1", Revision 1, World Wide Web Consortium (W3C) Recommendation, 11 Jan 1999.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to George C. Neurauter, Jr. whose telephone number is 703-305-4565. The examiner can normally be reached on Thursday 1-2pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 703-308-5221. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.
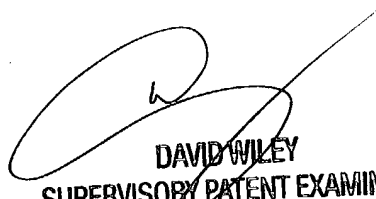
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